

# ABSTRACT OF THE DISCLOSURE:

A scheme for multiplexing transport channels on one or several communication channels is used to operate in a normal mode and in a compressed mode which requires a lower symbol rate to provide in active periods in the communication channels. To match the symbol rate on each of the transport channels, a symbol puncturing is performed in two passes: marked symbols are introduced and are subjected, along with the other information symbols, to different operations including an interleaving, before being deleted from the transmitted sequence. Accordingly, those operations can be performed in the same manner in the normal and compressed modes, which limits the complexity of the communicating entities.